

CLAIM

1. A membrane probing assembly comprising:
- (a) a probe card with conductors supported thereon, wherein said conductors include at least a signal conductor located between a pair of spaced apart guard conductors;
- (b) a membrane assembly including a membrane with contacts thereon, and supporting at least a signal conductor located between a pair of spaced apart guard conductors;
- (c) said guard conductors of said probe card are electrically interconnected proximate the interconnection between said probe card and said membrane assembly; and
- (d) said guard conductors of said membrane assembly are electrically interconnected proximate the interconnection between said probe card and said membrane assembly.